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Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2002 DEC 16 AM 11:24

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PHOENIX HYDROCARBONS OPER CORP

3a. Address

P O BOX 3638, Midland, TX 79702

3b. Phone No. (include area code)

915 6869869

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1765' FNL & 975' FEL; H; Sec 23-T27N-R8W
20 miles south of Blanco

5. Lease Serial No.

NMSF 078478

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Federal E #2R

9. API Well No.

30-045-30801

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan Co, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/21/02 TOC for 4 1/2", circ to surf.

9/30/02 Found 4 1/2" csg damaged in WH; RU Halliburton Portable Mast & Logging Unit; found btm @ 4870'; ran cmt bond log from btm to 3140'.

11/12/02 (OVER)

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Phyllis R. Gunter

Title

Agent

Signature

Date

12/12/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

DEC 17 2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

ACCEPTED FOR RECORD
FARMINGTON FIELD OFFICE
BY *[Signature]*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

FEDERAL E #2-R

- 11/12/02 RU Computalog on crane truck & perf 4 1/2" csg with 20 (0.37") holes using 3 1/8" csg gun at: 4538', 40, 42, 44, 46, 48, 51, 53, 56, 57, 60, 61, 76, 77, 86, 87, 4630', 31, 37, 38; RU BJ Services frac equip; pump 1000 gal 15% HCL W/30. 7/8" Bioballs. Balled out @ 3500 psi; WO ball sealers to soften & frac w/67,500 gal slick wtr, 64,000# 20/40 Brady sand & 3000# 14/30 Flex sand; avg rate 56 BPM; avg press 2300 psi; max press 2500 psi; ran gauge ring, then set fast drill BP @ 4440'; Perf w/20 (0.37") holes at: 3889', 91, 93, 95, 97, 99, 3901, 03, 3999, 4060, 4260, 62, 64, 65, 66, 4303, 05, 07, 08, 09 (Neutron-density log depths); pumped 1000 gal 15% HCL w/40. 7/8" Bio-balls; balled out at 3500 psi; frac w/63,500 gal slick wtr, 52,400# 20/40 Brady sand, 350# Flex sand; well screened out; avg rate 43 BPM; avg press 3350 psi; max press 3500 psi; ISIP 1650 psi; before balling out, ISIP was 1500 psi.
- 11/13/02 Remove frac head & open well to put on 18/64" adj choke @ 10 AM; well flowed about 3/4 bbl/min frac wtr.
- 11/14/02 At 5:00 PM well continued to unload; est 2 bbls/hr frac wtr with CP @ 0 on a 40/64" choke.
- 11/23/02 Moved completion rig in; NU BOP, PU 134 jts 2 3/8" tbg; tag sand @ 4332', pull 2 stnds. SIFN
- 11/24/02 Open well; run 2 stnds; RU Power Swivel & BJ Nitrogen truck; wash sd to top of plug; 15 min drill composite plug @ 4440'; wash to top @ 4625'; wash to 4753'; pulled 6 stnds. SIFN
- 11/25/02 CP 450#; bled off press; GIH & tag sd @ 4660'; POOH & LD 2 3/8" work string & DC. SIFN
- 11/26/02 CP 170#; bled off press; GIH PU 1 1/2" tbg w/seating nipple, expendable float valve & mule shoe on end; found sd @ 4635'; RU BJ Nitrogen truck wash to 4760'; LD 4 jts tbg; hang tbg on @ 4611'; ND BOP; NU tree; SIFN
- 11/27/02 CP 170#; drop ball & pumped 13 BW to pump out expendable float valve. RD MR.
- 12/05/02 TP 0; CP 810#; RU BJ Nitrogen on tbg; circ well around w/nitrogen; RD BJ; leave well w/pumper to flow back.
- 12/12/02 Completing.